

Fig. 1

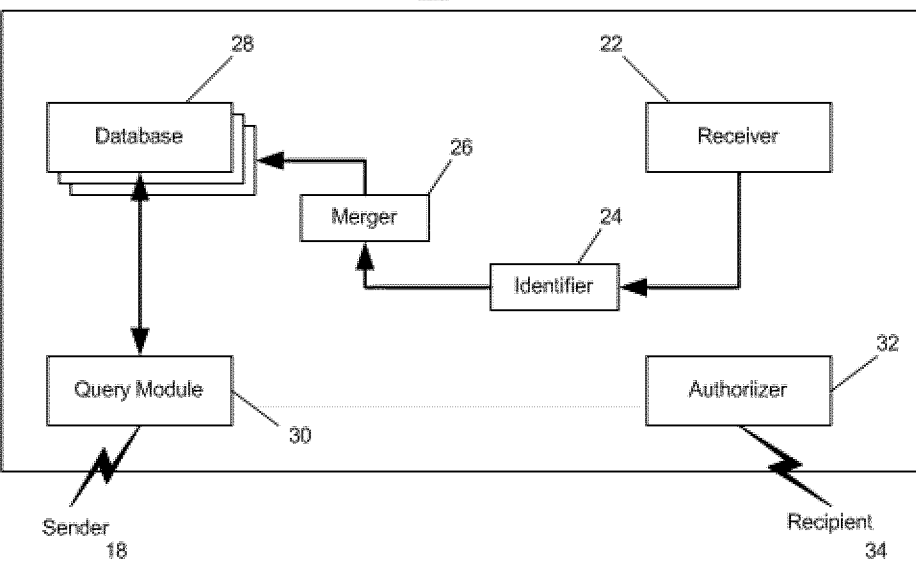


Fig. 2

Table 1:

| Record | Name | Postal Address | Email Address |
|--------|----------------|-------------------------|---------------------------|
| 1 | Terry White | 403 W 54 St, NY, NY | Terryw667@onebox.com |
| 2 | Terry White | 160 Bleecker, NY, NY | Terry.white@earthlink.net |
| 3 | Terry White | 403 W 54 St, NY, NY | terryw@hotmail.com |
| 4 | Terrance White | 160 Bleecker, NY, NY | Terryw667@onebox.com |
| 5 | Terri White | 1329 E. 11th St, NY, NY | terryw@hotmail.com |
| 6 | Terry White | 1329 East 11 ST, NY, NY | White84@aol.com |

Fig. 3

Table 2:

| Record | Name | Postal Address | Email Address |
|--------|----------------|----------------------|---------------------------|
| 1 | Terry White | 403 W 54 St, NY, NY | Terryw667@onebox.com |
| 2 | Terry White | 160 Bleecker, NY, NY | Terry.white@earthlink.net |
| 3 | Terry White | 403 W 54 St, NY, NY | terryw@hotmail.com |
| 4 | Terrance White | 160 Bleecker, NY, NY | Terryw667@onebox.com |

Fig. 4

Table 3:

| ID | Input Email | Name | Postal Address |
|------|----------------------|----------------|----------------------|
| 9230 | Terryw667@onebox.com | Terry White | 403 W 54 St, NY, NY |
| 9230 | Terryw667@onebox.com | Terrance White | 160 Bleecker, NY, NY |

Fig 5

Table 4:

| ID | Input Email | Name | Postal Address | Email Address |
|------|----------------------|----------------|----------------------|---------------------------|
| 9230 | Terryw667@onebox.com | Terry White | 403 W 54 St, NY, NY | Terryw667@onebox.com |
| 9230 | Terryw667@onebox.com | Terry White | 160 Bleecker, NY, NY | Terry.white@earthlink.net |
| 9230 | Terryw667@onebox.com | Terry White | 403 W 54 St, NY, NY | terryw@hotmail.com |
| 9230 | Terryw667@onebox.com | Terrance White | 160 Bleecker, NY, NY | Terryw667@onebox.com |

Fig. 6

Table 5:

| ID | Input Email | Name | Postal address | Email Address |
|------|----------------------|-------------|----------------------|---------------------------|
| 9230 | Terryw667@onebox.com | Terry White | 160 Bleecker, NY, NY | Terry.white@earthlink.net |
| 9230 | Terryw667@onebox.com | Terry White | 403 W 54 St, NY, NY | terryw@hotmail.com |

Fig. 7

Recipient table

| Recipient_ID |
|--------------|
| 33 |

Email Address

| Email_ID | Email Address |
|----------|---------------------------|
| 26 | Terryw667@onebox.com |
| 52 | Terry.white@earthlink.net |
| 192 | Terryw@hotmail.com |

Postal Address

| Postal_ID | Postal Address |
|-----------|----------------------|
| 98 | 403 W 54 St, NY, NY |
| 257 | 160 Bleecker, NY, NY |

Recipient Email

| Recipient_Email_ID | FK_Recipient_ID | FK_Email_ID |
|--------------------|-----------------|-------------|
| 9 | 33 | 26 |
| 29 | 33 | 52 |
| 74 | 33 | 192 |

Recipient Postal

| Recipient_Postal_ID | FK_Recipient_ID | FK_Postal_ID |
|---------------------|-----------------|--------------|
| 72 | 33 | 98 |
| 144 | 33 | 257 |

Recipient Name

| Recipient_Name_ID | First Name | Last Name | FK_Recipient_ID |
|-------------------|------------|-----------|-----------------|
| 213 | Terry | White | 33 |
| 214 | Terrance | White | 33 |

Fig. 8

Recipient table

| Recipient_ID |
|--------------|
| 33 |
| 64 |

Email_Address

| Email_ID | Email Address |
|----------|---------------------------|
| 26 | Terryw667@onebox.com |
| 52 | Terry.white@earthlink.net |
| 192 | Terryw@hotmail.com |
| 843 | hope@hotmail.com |

Postal_Address

| Postal_ID | Postal Address |
|-----------|----------------------|
| 98 | 403 W 54 St, NY, NY |
| 257 | 160 Bleecker, NY, NY |

Recipient_Email

| Recipient_Email_ID | FK_Recipient_ID | FK_Email_ID |
|--------------------|-----------------|-------------|
| 9 | 33 | 26 |
| 29 | 33 | 52 |
| 74 | 33 | 192 |
| 93 | 64 | 843 |

Recipient_Postal

| Recipient_Postal_ID | FK_Recipient_ID | FK_Postal_ID |
|---------------------|-----------------|--------------|
| 72 | 33 | 98 |
| 144 | 33 | 257 |
| 178 | 64 | 98 |

Recipient_Name

| Recipient_Name_ID | First Name | Last Name | FK_Recipient_ID |
|-------------------|------------|-----------|-----------------|
| 213 | Terry | White | 33 |
| 214 | Terrance | White | 33 |
| 526 | Hope | White | 64 |

Fig. 9

Table 6:

| Record | Name | Postal Address | Email Address |
|--------|----------------|---------------------------|---------------------------|
| 1 | Terri White | 403 West 54 St, NY, NY | Terryw667@onebox.com |
| 2 | Terry White | 403 w 54th Street, NY, NY | Terry.white@earthlink.net |
| 3 | Terrance White | 403 W 54 St, New York, NY | terryw@hotmail.com |

Fig. 10

Table 7:

| ID | Name | Email1 | Email2 |
|----|-------------|---------------------------|---------------------------|
| 1 | Terry White | Terryw667@onebox.com | Terry.white@earthlink.net |
| 2 | Terry White | Terryw667@onebox.com | terryw@hotmail.com |
| 3 | Terry White | Terry.white@earthlink.net | terryw@hotmail.com |

Fig. 11

Table 8:

| ID | Name | Email1 | Email2 |
|----|-------------|---------------------------|---------------------------|
| 1 | Terry White | Terryw667@onebox.com | Terry.white@earthlink.net |
| 2 | Terry White | Terryw667@onebox.com | terryw@hotmail.com |
| 3 | Terry White | Terry.white@earthlink.net | Terryw667@onebox.com |
| 4 | Terry White | Terry.white@earthlink.net | terryw@hotmail.com |
| 5 | Terry White | terryw@hotmail.com | Terryw667@onebox.com |
| 6 | Terry White | terryw@hotmail.com | Terry.white@earthlink.net |

Fig. 12

Table 9:

| Record | Name | Postal Address | Email Address |
|--------|-------------|-------------------------|--------------------|
| 4 | Terry White | 1329 E. 11th St, NY, NY | terryw@hotmail.com |
| 5 | Terry White | 1329 East 11 ST, NY, NY | White84@aol.com |

Fig. 13

Table 10:

| ID | Name | Email1 | Email2 |
|----|-------------|---------------------------|---------------------------|
| 1 | Terry White | Terryw667@onebox.com | Terry.white@earthlink.net |
| 2 | Terry White | Terryw667@onebox.com | terryw@hotmail.com |
| 3 | Terry White | Terry.white@earthlink.net | terryw@hotmail.com |
| 4 | Terry White | terryw@hotmail.com | White84@aol.com |
| 5 | Terry White | White84@aol.com | Terry.white@earthlink.net |
| 6 | Terry White | White84@aol.com | Terryw667@onebox.com |

Fig. 14

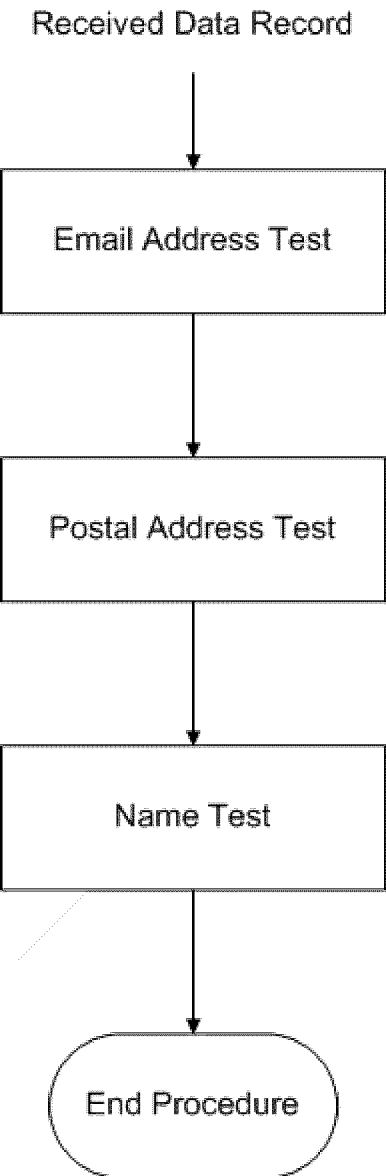


Fig. 15

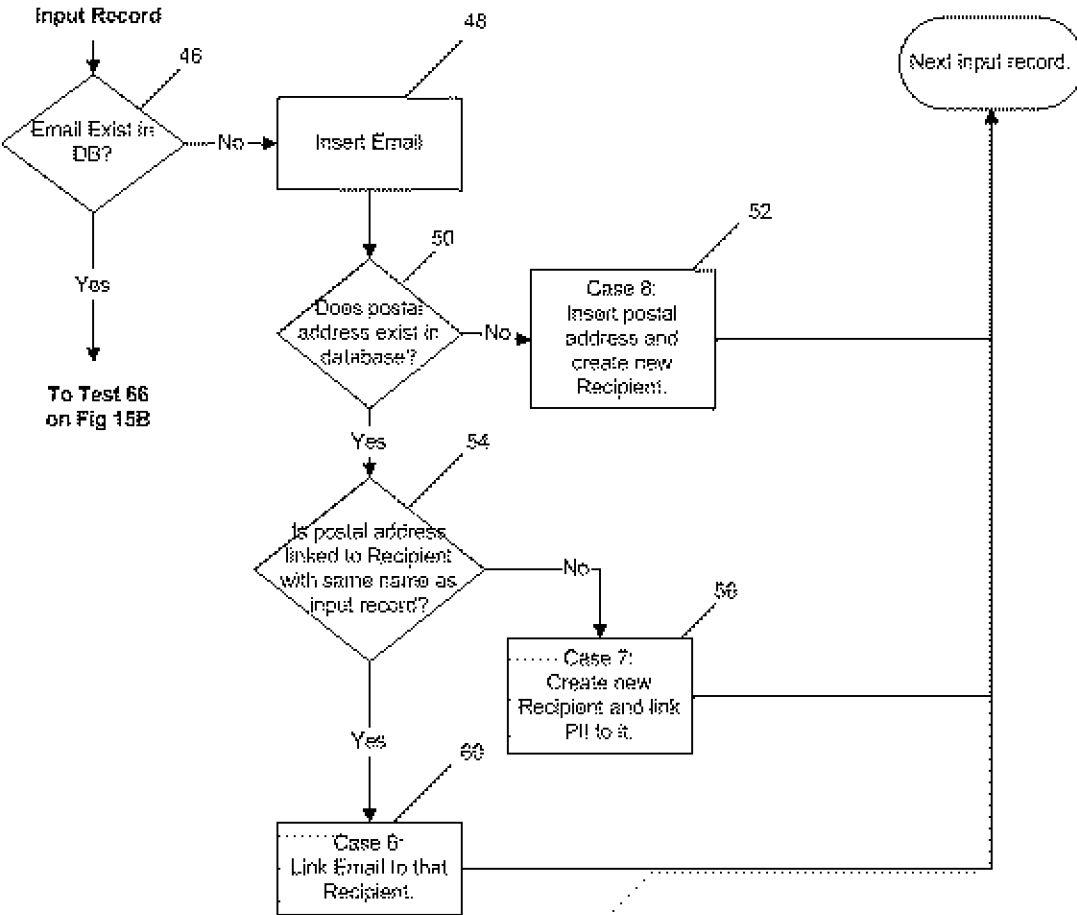
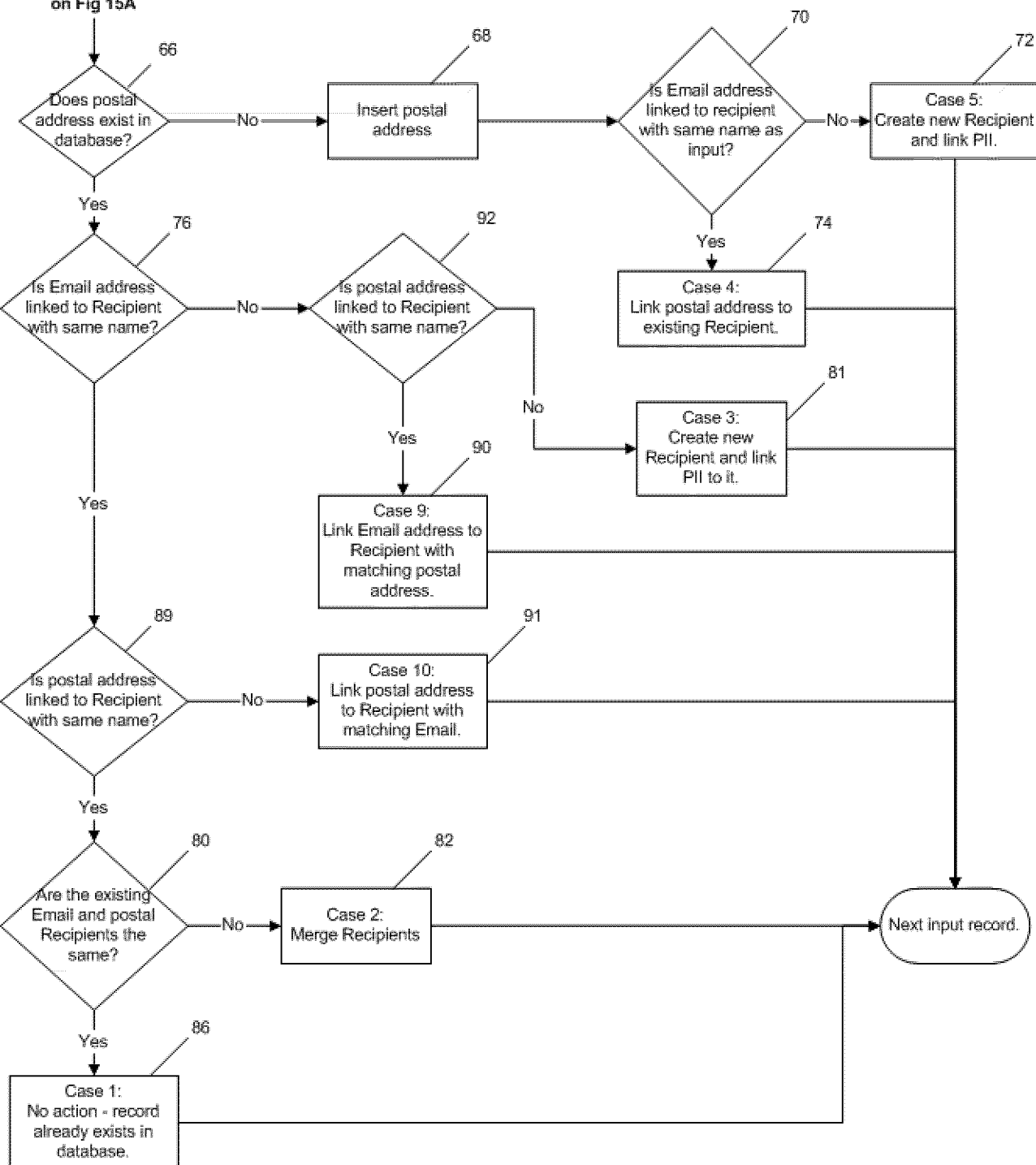


Fig. 15A

From Test 46
on Fig 15A



Data Partner
transfers customer
data to Data
Manager.



Remove records
with invalid or
missing
information.

Table 11:

| ID | Name | Postal Address | Email Address | Update Date |
|----|-----------------|---------------------------|----------------------|-------------|
| 1 | Terry White | 403 W 54 St, NY, NY | Terryw667@onebox.com | 02/27/2001 |
| 2 | Jon Dreyfous | 9 E. 18th St, NY, NY | jonnyd@hotmail.com | 12/28/2000 |
| 3 | Mihaela Grigore | 660 5th Ave, NY, NY | mg@aol.com | 08/09/2001 |
| 4 | Hubert Tai | 50 Mariposa, San Jose, CA | htai@aol.com | 03/15/2001 |

Table 12:

| ID | Name | Postal Address | Email Address | Update Date |
|----|-----------------|---------------------------|---------------------------|-------------|
| 1 | Terry White | 160 Bleecker, NY, NY | Terry.white@earthlink.net | 11/18/2001 |
| 2 | Jon Dreyfous | 9 E. 18th St, NY, NY | jonnyd@hotmail.com | 12/28/2000 |
| 3 | Mihaela Grigore | 433 E. 6th St, NY, NY | mg@aol.com | 11/07/2001 |
| 4 | Hubert Tai | 50 Mariposa, San Jose, CA | htai@aol.com | 03/15/2001 |

Table 13:

| ID | Name | Old Postal Address | New Postal Address | Change Date |
|----|-----------------|---------------------|-----------------------|-------------|
| 1 | Terry White | 403 W 54 St, NY, NY | 160 Bleecker, NY, NY | 11/18/2001 |
| 3 | Mihaela Grigore | 660 5th Ave, NY, NY | 433 E. 6th St, NY, NY | 11/07/2001 |

Fig. 18